

## **SECTION 01505 – CONSTRUCTION WASTE MANAGEMENT**

### **PART 1 - GENERAL**

#### **1.1 RELATED DOCUMENTS**

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, apply to this Section.

#### **1.2 SUMMARY**

- A. The Owner requires that this project generate the least amount of waste possible and that the processes that ensure the generation of as little waste as possible due to error, poor planning, breakage, mishandling, contamination, or other factors be used.
- B. Of the inevitable waste that is generated, as many of the waste materials as economically feasible shall be reused, salvaged, or recycled. Minimize waste disposal in landfills.
  - 1. All non-usable or non-recyclable materials are to be disposed of as waste in the most environmentally sensitive manner as practicable.
  - 2. The Contractor shall develop a Waste Management Plan for this project.

#### **1.3 SUBMITTALS**

- A. Draft Waste Management Plan: Within fourteen (14) days after receipt of Notice to Proceed, or prior to any waste removal, which occurs sooner, submit three (3) copies of a Draft Waste Management Plan.
  - 1. The plan shall include the following.
    - a. Analysis of the types and quantities of jobsite waste to be generated.
    - b. A list of each material proposed to be salvaged, reused or recycled during the course of the project.
    - c. Estimated quantities for each waste stream.
    - d. Separation requirements.
    - e. On-site storage method for each waste stream.
    - f. Transportation method for each waste stream.
    - g. Destination for each waste stream.
    - h. Estimated tip fee or rebate for each material.
  - 2. Materials. The list of materials is to include the following, at a minimum.
    - a. Metals
      - 1) Steel studs and trim.
      - 2) Wiring and electrical equipment.
      - 3) Hardware.
      - 4) Ductwork.
      - 5) Miscellaneous metals: banding, piping, rebar, roofing, other trim, steel, iron, galvanized sheet steel, stainless steel, aluminum, copper, zinc, lead, brass, and bronze.
    - b. Miscellaneous Materials: Cardboard, packaging, insulation, base cove, wood, and clean dimensional lumber.
    - c. Carpet.
    - d. Gypsum.
    - e. Glass.

- f. Plumbing fixtures.
  - g. Masonry: Bricks and concrete masonry units (CMU's).
  - h. Site Work: Concrete, asphalt paving, excavated soils and land clearing debris.
- B. Within fourteen (14) days after the Owner has determined which of the recycling options addressed in the Draft Waste Management Plan are acceptable, submit a Final Waste Management Plan.
  - 1. Include names for each subcontractor who will transport solid or hazardous waste from the site and the name of the receiving facility that will accept the waste for disposal.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 WASTE MANAGEMENT PLAN IMPLEMENTATION

- A. Manager: Designate an on-site party (or parties) responsible for instructing workers and overseeing and documenting results of the Waste Management Plan for the Project.
- B. Distribution: Distribute copies of the approved Waste Management Plan to the Job Site and each Subcontractor.
- C. Instruction: Provide on-site instruction of appropriate separation, handling, and recycling, salvage, reuse, and return methods to be used by all parties at the appropriate stages of the Project.
- D. Separation Facilities: Lay out and label a specific area to facilitate separation of materials for potential recycling, salvage, reuse, and return. Recycling and waste bin areas are to be kept neat and clean and clearly marked in order to avoid contamination of materials.
- E. Hazardous Wastes: Separate, store, and dispose of hazardous wastes according to local regulations.
- F. Application for Progress Payments: Submit with each Application for Progress Payment a Summary of Waste Generated by the Project. Failure to submit this information shall render the Application for Payment incomplete and shall delay the Progress Payment. The Summary shall be submitted on a form acceptable to the Owner and shall contain the following information.
  - 1. The amount (in tons or cubic yards) of material landfilled from the Project, the identity of the landfill, the amount of tipping fees paid at the landfill, and the total disposal cost. Include manifests, weight tickets, receipts, and invoices.
  - 2. For each material recycled, reused, or salvaged from the Project, the amount (in tons or cubic yards), the date removed from the jobsite, the receiving party, the transportation cost, the amount of any money paid or received for the recycled or salvaged material, and the net total cost or savings of salvage or recycling each material. Attach manifests, weigh tickets, receipts, and invoices.

END OF SECTION 01505